

MSE Laboratory Access Requirements in addition to EHS Safety Seminar

A) Graduate Students

- 1) Completion of *Training Documentation*, filed with **MSE Safety Officer**, on
 - a. Knowledge of University Chemical Hygiene Plan [CHP]
 - b. Access to OSHA Chemical Hazards Standard [29 CFR 1910.1450]
 - c. Locating Materials Safety Data Sheets [MSDS] in all labs you work in.
 - d. Laboratory Specific Documentation in all labs you work in.

NOTE that details of (c) & (d) above will vary between your advisor's research laboratories & the MSE teaching labs.
NOTE that all of the information listed above is available in the CHP binder posted in each particular laboratory.

- 2) Completion of *Emergency Action Plan Form* filed with **MSE Safety Officer**, for facilities where you work.

Available on the MSE website under "Facilities".

- 3) Completion of *Key/Code Access Form*, filed with **MSE Department Office**, for any needs to enter facilities.

Available on the MSE website under "Facilities".
NOTE that MSE graduate students are allowed 24/7 access, but any non-MSE graduate students may only work during normal business hours in departmental lab spaces.

- 4) Completion of *MSE Equipment Use & Training Form*, filed with **MSE Lab Manager**, for access to departmental teaching laboratories (NOT advisors' research labs).

Available from the MSE Laboratory Manager by request.
(This form will be available online soon)
Training on departmental equipment is available by request from the MSE lab manager, but documented peer training by other qualified personnel is also acceptable for most devices.

- 5) Completion of *Radiation Safety Training* and *X-ray Instrument Training* for access to the departmental X-Ray diffractometer in 124 Holden.

Radiation Safety course is online through EHS. Instrument training is available by request from the MSE lab manager.

- 6) For processes that may involve active chemical or physical change of the materials (reactions, evolution of volatile components, or similar energetic transitions) in furnaces, vessels, or other equipment, an *Experimental Protocol Form* must be filed in advance before the work is attempted, & approved by the Lab Manager.

Available on the MSE website under "Facilities"

B) Undergraduate Students

- 1) *MSE Undergraduates are allowed access to laboratories only under approved supervision. An access schedule when MSE personnel are available for this purpose is posted every semester outside 119 Holden.*
- 2) *MSE Undergraduates are provided additional periodic safety training in required courses including MSE3314 (Lab I), MSE4424 (Lab II), and MSE4085 (Senior Design).*